

DATE: 23 Feb 07	SUSPENSE	ENGINEER: W. Jones	LOGGED IN: 28 Feb 07	TYPE: DHC	APP NO: 6620-765944708
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

Signature

Title

Date

e-mail Address



2700 Farmington Ave, K-1 Farmington, NM 87401
Phone: (505) 324-1090 FAX: (505) 564-6700

February 15, 2007

Mr. Will Jones
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

RECEIVED

FEB 22 2007

Subject: Application for Exception to Rule 303A
Jicarilla Apache #12F Downhole Commingle
30-039-29787 Sec 33P-T26N-R05W
Basin Dakota/Blanco Mesaverde/Otero Chacra/WC Basin Mancos
JIC-154; Rio Arriba, NM

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Dear Mr. Jones:

Enclosed please find an Administrative Application Form (C107A) and attachments for downhole commingling of the above-captioned well. Ownership is common between pools; therefore, no notice to owners was necessary. The downhole commingle will offer an economical method of production, protect against reservoir damage, waste of reserves and correlative rights. The Bureau of Land Management has been notified via submittal of Form C103 on February 15, 2007.

Any questions pertaining to this matter, please call me at (505) 324-1090.

Sincerely,

A handwritten signature in cursive script that reads 'Holly C. Perkins'.

Holly C. Perkins
Regulatory Compliance Tech

xc: Wellfile
OCD, Aztec Office

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-039-29787
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No. JIC-154
7. Lease Name or Unit Agreement Name: JICARILLA APACHE
8. Well Number #12F
9. OGRID Number 5380
10. Pool name or Wildcat BASIN DK/BLANCO MV/OTERO CH/WCB MC

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other
2. Name of Operator XTO Energy Inc.
3. Address of Operator 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401
4. Well Location Unit Letter P : 805 feet from the SOUTH line and 905 feet from the EAST line Section 33 Township 26N Range 05W NMPM County RIO ARriba
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6586'
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: **DOWNHOLE COMMINGLING** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy requests approval to DHC production from the Basin DK (71599), Blanco MV (72319), Otero CH (82329) & Wildcat Basin MC (97232) upon completion. The proposed allocations are based upon individual pool avg EUR of wells located in a 9-section surrounding area:

Basin Dakota: Oil: 40% Gas: 54.40% Water: 44.44%; Blanco Mesaverde: Oil: 20% Gas: 32.60% Water: 22.22%
Otero Chacra: Oil: 0% Gas: 6.5% Water: 11.12%; WC Basin Mancos: Oil: 40% Gas: 6.5% Water: 22.22%
Ownership is common between pools & no notice was given to owners. The DHC will offer an economical method of prod, protect against reservoir damage, waste of reserves & correlative rights. Attached is support for allocations, plats & copies of our C107A & C103 filed w/NMOCD in Santa Fe 2/19/2007.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☒ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Holly C. Perkins TITLE REGULATORY COMPLIANCE TECH DATE 2/19/2007
Type or print name **HOLLY C. PERKINS** E-mail address: Holly_perkins@ctoenergy.com
Telephone No. **505-324-1090**

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval, if any:

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-107A
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

Yes ☐ No ☒

APPLICATION FOR DOWNHOLE COMMINGLING

124C-3861

Operator XTO Energy Inc. Address 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

Lease JICARILLA APACHE Well No. #12F Unit Letter-Section-Township-Range P SEC 33 T 27N R 05W County RIO ARriba

OGRID No. 5380 Property Code _____ API No. 30-039-29655 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	UNDES.		
Pool Name	OTERO CHACRA	BLANCO MESAVERDE	WILDCAT BASIN MANCOS
Pool Code	82329 ✓	72319 ✓	97232 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3784'-3883'	5017-5274' & 4736-4934'	6248'-6545'
Method of Production (Flowing or Artificial Life)	FLOWING	FLOWING	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	NEW DRILL	NEW DRILL	NEW DRILL
Producing, Shut-In or New Zone	NEW POOL	NEW POOL	NEW POOL
Date and Oil/Gas/Water Rates of Last Production (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: _____ Rates: _____
	Date: _____ Rates: _____	Date: _____ Rates: _____	Date: _____ Rates: _____
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil: 0 % Gas: 6.5 %	Oil: 20 % Gas: 32.6 %	Oil: 40 % Gas: 6.5 %

Are all working, overriding, and royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, overriding, and royalty interests been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

ATTACHMENTS:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of all offset operators.
- Notification list of working, overriding, and royalty interests for uncommon interest cases.
- Any additional statements, data, or documents required to support commingling.

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
 - List of all operators within the proposed Pre-Approved Pools
 - Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
 - Bottomhole pressure data
- I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Holly C Perkins TITLE REG COMPLIANCE TECH DATE 2/19/07

TYPE OR PRINT NAME HOLLY C. PERKINS TELEPHONE NO. (505) 324-1090

E-MAIL holly.perkins@xtoenergy.com

XTO ENERGY INC.

2700 FARMINGTON AVE, SUITE K-1, FARMINGTON, NM 87401

Operator

Address

JTCARILLA APACHE

12F

P

33

27N

05W

RIO ARriba

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 5380Property CodeAPI No. 30-039-29787Lease Type:☒ FederalStateFee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name			BASIN DAKOTA
Pool Code			71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)			7100' - 7362'
Method of Production (Flowing or Artificial Life)			FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			NEW DRILL
Producing, Shut-In or New Zone			NEW POOL
Date and Oil/Gas/Water Rates of Last Production (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates:	Date: Rates:
	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil: % Gas: %	Oil: % Gas: %	Oil: 40 % Gas: 54.4 %

Are all working, overriding, and royalty interests identical in all commingled zones?
If not, have all working, overriding, and royalty interests been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well:

- ATTACHMENTS:
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of all offset operators.

Notification list of working, overriding, and royalty interests for uncommon interest cases.

Any additional statements, data, or documents required to support commingling.

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

DATE

TYPE OR PRINT NAME

TELEPHONE NO.

E-MAIL

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED
REPORT

¹ API Number 30-039-29787	² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code	⁵ Property Name JICARILLA APACHE	⁶ Well Number 12F
⁷ GRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 6586'

¹⁰ Surface Location

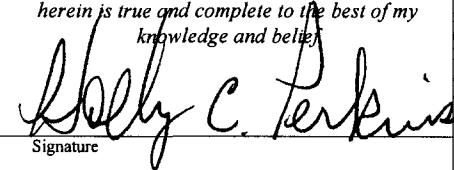
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	26N	5W		805	SOUTH	905	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹ Dedicated Acres 160 ac SE/4	³ Joint or Infill	⁴ Consolidation Code	⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

			CAL'D CORNER PROTRACTION	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Holly C. Perkins Printed Name Regulatory Compliance Tech Title 3/13/2006 Date
		33	Lat 35°26'18.0" N (NAD 27) Long 107°21'28.8" W (NAD 27)	SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 2-28-2005 Date of Survey Original Survey Signed By: JOHN A. VUKONICH 14831 Certificate Number
CAL'D CORNER SNGL PROP			S 89-48-40 W 5311.8' (C)	
			805'	
			905'	
			805'	
			5196.0' (C)	
			N 00-18-47 E	

DISTRICT IV
1220 South E. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.
Santa Fe, NM 87505

Fee Lease - 3 Copies

☐ AMENDED REPORT

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Form C-102
Revised June 10, 2003

DISTRICT 11
1304 E. Grand Ave., Artesia, N.M. 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1006 No. Brown St., Astoria, N.Y. 07410

1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

DISTRICT IV
1230 South St. Francisco Dr., Santa Fe, NM 87506

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-29787	*Pool Code 71599	*Pool Name Basin Dakota
*Property Code	*Property Name JICARILLA APACHE	*Well Number 12F
*Well No. 5380	*Operator Name XTO ENERGY INC.	*Elevation 6586'

10 Surface Location

U. or lot no. P	Section 33	Township 26-N	Range 5-W	Lot 14a	Feet from line 805	North/South line SOUTH	Feet from line 905	East/West line EAST	County RIO ARriba
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"Bottom Hole Location If Different From Surface

U.I. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres			Joint or Infill		Consolidation Code		Order No.		
1.2 330									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

18

CALC'D CORNER
PROTRACTOR

37 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Kelly K Small
Printed Name: Kelly K Small
Title: Regulatory Compliance Tech
Date: 8/25/05

33

LAT. 36°26'18.0"N (NAD 27)
LONG. 107°21'28.6"W (NAD 27)

38 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature: Kelly K Small
Date: 8/25/05

2005

NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
14881

CALC'D CORNER
SINGL. PROP.

905'

805'

CALC'D CORNER
SINGL. PROP.

S 89°48'40" W 5311.8' (C)

Certificate Number:

DETROIT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87506

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	97232	*Pool Name	WC BASIN	*Pool Name	MANCOS
*Property Code	*Property Name JICARILLA APACHE			*Well Number 12F	
*OILNO No. 167067	*Operator Name XTO ENERGY INC.			*Elevation 6586'	

¹⁰ Surface Location

U/L or lot no. P	Section 33	Township 26-N	Range 5-W	Lot No.	Feet from the 805	North/South line SOUTH	Feet from the 905	East/West line EAST	County RIO ARriba
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11 Bottom Hole Location If Different From Surface

UT or lot no.	Section	Township	Range	Lot 12n	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres			Joint or EnRI	Consolidation Code		Order No.			
160 SW 4									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			CALC'D CORNER PROTRACTION	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
				<i>Kyle Vaughan</i> Signature KYLE VAUGHAN Printed Name Regulatory Compliance Title 5/26/06 Date
	33 LAT. 36°26'18.0"N (NAD 27) LONG. 107°21'28.8" W (NAD 27)		5196.0' (C) N 00°-17'-47" E	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
CALC'D CORNER SINGL. PROP.	S 89-48-40 W	CALC'D CORNER SINGL. PROP. 5311.8' (C)	905' 805'	14501 27-0 2005 14501 27-0 2005 Certificate Number

Jicarilla Apache Allocations						
					EUR Oil (mbo)	Cum Wtr (mbbl)
Well Name	No.	Operator	Location	Reservoir		
JICARILLA APACHE	3	XTO ENERGY INCORPORATED	34D 26N 5W SE NW NW	CHACRA	0	0
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	CHACRA	0	1
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	CHACRA	0	1
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	CHACRA	0	0
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	CHACRA	0	0
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	CHACRA	0	1
JICARILLA APACHE	19	XTO ENERGY INCORPORATED	28B 26N 5W SE NW NE	CHACRA	0	0
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	CHACRA	0	1
JICARILLA CONTRACT 155	23	CDX RIO LIMITED LIABILITY CORPORATION	32N 26N 5W NW SE SW	CHACRA	0	0
JICARILLA CONTRACT 155	27	CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	CHACRA	0	0
JICARILLA CONTRACT 155	29	CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	CHACRA	0	0
JICARILLA CONTRACT 155	31	CDX RIO LIMITED LIABILITY CORPORATION	29H 26N 5W NW SE NE	CHACRA	0	2
JICARILLA CONTRACT 155	19E	CDX RIO LIMITED LIABILITY CORPORATION	29J 26N 5W SE NW SE	CHACRA	0	1
JICARILLA CONTRACT 155	20E	CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	CHACRA	0	0
JICARILLA GAS COM 155 A	1	CDX RIO LIMITED LIABILITY CORPORATION	32H 26N 5W NW SE NE	CHACRA	1	2
Average					0	1
JICARILLA A	5	CDX RIO LIMITED LIABILITY CORPORATION	20G 26N 5W SW NE	DAKOTA	54	40
JICARILLA A	6	CDX RIO LIMITED LIABILITY CORPORATION	20M 26N 5W SW SW	DAKOTA	38	2
JICARILLA A	5E	CDX RIO LIMITED LIABILITY CORPORATION	20J 26N 5W SE NW SE	DAKOTA	12	3
JICARILLA A	6E	CDX RIO LIMITED LIABILITY CORPORATION	20E 26N 5W NE SW NW	DAKOTA	11	4
JICARILLA APACHE	8	XTO ENERGY INCORPORATED	27P 26N 5W NW SE SE	DAKOTA	12	2
JICARILLA APACHE	9	XTO ENERGY INCORPORATED	28A 26N 5W NE NE	DAKOTA	59	5
JICARILLA APACHE	10	XTO ENERGY INCORPORATED	27B 26N 5W SE NW NE	DAKOTA	18	2
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	DAKOTA	30	3
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	DAKOTA	18	3
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	DAKOTA	15	2
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	DAKOTA	27	2
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	DAKOTA	11	4
JICARILLA APACHE	10E	XTO ENERGY INCORPORATED	27C 26N 5W SW NE NW	DAKOTA	8	3
JICARILLA APACHE	11E	XTO ENERGY INCORPORATED	28C 26N 5W SW NE NW	DAKOTA	11	3
JICARILLA APACHE	12E	XTO ENERGY INCORPORATED	33J 26N 5W SE NW SE	DAKOTA	12	4
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	DAKOTA	7	2
JICARILLA APACHE	14E	XTO ENERGY INCORPORATED	34F 26N 5W NW SE NW	DAKOTA	12	6
JICARILLA APACHE	14F	XTO ENERGY INCORPORATED	34D 26N 5W SE NW NW	DAKOTA	0	0
JICARILLA APACHE	14G	XTO ENERGY INCORPORATED	34K 26N 5W NW NE SW	DAKOTA	0	0
JICARILLA APACHE	16E	XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	DAKOTA	7	5
JICARILLA APACHE	16F	XTO ENERGY INCORPORATED	34O 26N 5W NW SW SE	DAKOTA	0	0
JICARILLA APACHE	16G	XTO ENERGY INCORPORATED	34H 26N 5W SW SE NE	DAKOTA	0	0
JICARILLA APACHE	8E	XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	DAKOTA	6	5
JICARILLA APACHE	8G	XTO ENERGY INCORPORATED	27N 26N 5W NE SE SW	DAKOTA	0	0
JICARILLA APACHE	9E	XTO ENERGY INCORPORATED	28O 26N 5W NE SW SE	DAKOTA	8	2

JICARILLA B		1	CDX RIO LIMITED LIABILITY CORPORATION	22G 26N 5W SW NE	DAKOTA	50	3
JICARILLA B		4	CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	DAKOTA	40	8
JICARILLA B		5	CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	DAKOTA	25	2
JICARILLA B		6	CDX RIO LIMITED LIABILITY CORPORATION	22K 26N 5W SW NE SW	DAKOTA	29	4
JICARILLA B		1E	CDX RIO LIMITED LIABILITY CORPORATION	22I 26N 5W SW NE SE	DAKOTA	2	6
JICARILLA B		4E	CDX RIO LIMITED LIABILITY CORPORATION	21P 26N 5W NW SE SE	DAKOTA	2	5
JICARILLA B		5E	CDX RIO LIMITED LIABILITY CORPORATION	21E 26N 5W NE SW NW	DAKOTA	9	2
JICARILLA B		6E	CDX RIO LIMITED LIABILITY CORPORATION	22C 26N 5W SW NE NW	DAKOTA	6	7
JICARILLA CONTRACT 146		11	CDX RIO LIMITED LIABILITY CORPORATION	4K 25N 5W SW NE SW	DAKOTA	18	1
JICARILLA CONTRACT 146		17	CDX RIO LIMITED LIABILITY CORPORATION	3G 25N 5W NE SW NE	DAKOTA	15	2
JICARILLA CONTRACT 146		19	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NE	DAKOTA	11	3
JICARILLA CONTRACT 146		21	BP AMERICA PRODUCTION COMPANY	3K 25N 5W SW NE SW	DAKOTA	8	0
JICARILLA CONTRACT 146		11E	CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	DAKOTA	11	7
JICARILLA CONTRACT 146		17E	CDX RIO LIMITED LIABILITY CORPORATION	3J 25N 5W SE NW SE	DAKOTA	4	6
JICARILLA CONTRACT 146		19E	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NW	DAKOTA	3	4
JICARILLA CONTRACT 146		21E	CDX RIO LIMITED LIABILITY CORPORATION	3F 25N 5W NW SE NW	DAKOTA	8	4
JICARILLA CONTRACT 146		21R	CDX RIO LIMITED LIABILITY CORPORATION	3N 25N 5W NW SE SW	DAKOTA	1	2
JICARILLA CONTRACT 155		12	CDX RIO LIMITED LIABILITY CORPORATION	32K 26N 5W SW NE SW	DAKOTA	28	4
JICARILLA CONTRACT 155		19	BP AMERICA PRODUCTION COMPANY	29A 26N 5W NE NE	DAKOTA	23	2
JICARILLA CONTRACT 155		20	CDX RIO LIMITED LIABILITY CORPORATION	29N 26N 5W NW SE SW	DAKOTA	18	5
JICARILLA CONTRACT 155		12E	CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	DAKOTA	7	5
JICARILLA CONTRACT 155		19E	CDX RIO LIMITED LIABILITY CORPORATION	29J 26N 5W SE NW SE	DAKOTA	12	4
JICARILLA CONTRACT 155		20E	CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	DAKOTA	8	3
JICARILLA GAS COM C		1	CDX RIO LIMITED LIABILITY CORPORATION	32A 26N 5W SW NE NE	DAKOTA	12	4
JICARILLA GAS COM C		1E	CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	DAKOTA	6	14
JICARILLA K		11	CONOCOPHILLIPS COMPANY	2E 25N 5W NE SW NW	DAKOTA	14	1
JICARILLA K		12	CONOCOPHILLIPS COMPANY	2O 25N 5W NW SW SE	DAKOTA	15	1
JICARILLA K		11E	CONOCOPHILLIPS COMPANY	2 25N 5W NW NE	DAKOTA	3	1
JICARILLA K		12E	CONOCOPHILLIPS COMPANY	2M 25N 5W NE SW SW	DAKOTA	9	4
Average						14	4
JICARILLA 153		10	BURLINGTON RESOURCES O&G CO LP	26I 26N 5W NE SE	GALLUP	2	0
JICARILLA 153		12E	BURLINGTON RESOURCES O&G CO LP	35M 26N 5W NE SW SW	GALLUP	17	1
JICARILLA 153		14E	BURLINGTON RESOURCES O&G CO LP	35G 26N 5W NE SW NE	GALLUP	2	0
JICARILLA 153		9E	BURLINGTON RESOURCES O&G CO LP	26D 26N 5W SE NW NW	GALLUP	1	1
JICARILLA A		5	CDX RIO LIMITED LIABILITY CORPORATION	20G 26N 5W SW NE	GALLUP	49	4
JICARILLA APACHE		10	XTO ENERGY INCORPORATED	27B 26N 5W SE NW NE	GALLUP	0	0
JICARILLA B		4	CDX RIO LIMITED LIABILITY CORPORATION	21H 26N 5W SE NE	GALLUP	29	3
JICARILLA B		5E	CDX RIO LIMITED LIABILITY CORPORATION	21E 26N 5W NE SW NW	GALLUP	12	4
JICARILLA C		3	CDX RIO LIMITED LIABILITY CORPORATION	23I 26N 5W NE SE	GALLUP	12	7
Average						14	2
AXI APACHE J		20	CONOCOPHILLIPS COMPANY	5 25N 5W SW NE NW	MESAVERDE	8	2
AXI APACHE J		21	CONOCOPHILLIPS COMPANY	5I 25N 5W SW NE SE	MESAVERDE	9	2
AXI APACHE J		20A	CONOCOPHILLIPS COMPANY	5 25N 5W SW NE NE	MESAVERDE	14	4
AXI APACHE J		21A	CONOCOPHILLIPS COMPANY	5N 25N 5W NW SE SW	MESAVERDE	8	3

JICARILLA 153	10	BURLINGTON RESOURCES O&G CO LP	26I 26N 5W NE SE	MESAVERDE	1	0
JICARILLA 153	10E	BURLINGTON RESOURCES O&G CO LP	26N 26N 5W NW SE SW	MESAVERDE	3	1
JICARILLA 153	12E	BURLINGTON RESOURCES O&G CO LP	35M 26N 5W NE SW NW	MESAVERDE	2	0
JICARILLA 153	9E	BURLINGTON RESOURCES O&G CO LP	26D 26N 5W SE NW NW	MESAVERDE	1	0
JICARILLA A	9	CDX RIO LIMITED LIABILITY CORPORATION	20D 26N 5W SE NW NW	MESAVERDE	1	1
JICARILLA APACHE	9	XTO ENERGY INCORPORATED	28A 26N 5W NE NE	MESAVERDE	1	1
JICARILLA APACHE	11	XTO ENERGY INCORPORATED	28M 26N 5W NE SW SW	MESAVERDE	3	1
JICARILLA APACHE	12	XTO ENERGY INCORPORATED	33A 26N 5W SW NE NE	MESAVERDE	1	1
JICARILLA APACHE	13	XTO ENERGY INCORPORATED	33M 26N 5W NE SW SW	MESAVERDE	6	6
JICARILLA APACHE	14	XTO ENERGY INCORPORATED	34M 26N 5W NE SW SW	MESAVERDE	7	7
JICARILLA APACHE	16	XTO ENERGY INCORPORATED	34I 26N 5W SW NE SE	MESAVERDE	1	1
JICARILLA APACHE	13E	XTO ENERGY INCORPORATED	33E 26N 5W NE SW NW	MESAVERDE	10	2
JICARILLA APACHE	16E	XTO ENERGY INCORPORATED	34A 26N 5W SW NE NE	MESAVERDE	2	2
JICARILLA APACHE	8E	XTO ENERGY INCORPORATED	27K 26N 5W SW NE SW	MESAVERDE	3	10
JICARILLA APACHE	9E	XTO ENERGY INCORPORATED	28O 26N 5W NE SW SE	MESAVERDE	3	1
JICARILLA B	5	CDX RIO LIMITED LIABILITY CORPORATION	21K 26N 5W NE SW	MESAVERDE	1	2
JICARILLA C	1E	CDX RIO LIMITED LIABILITY CORPORATION	23G 26N 5W NE SW NE	MESAVERDE	0	2
JICARILLA CONTRACT 146	11	CDX RIO LIMITED LIABILITY CORPORATION	4K 25N 5W SW NE SW	MESAVERDE	4	1
JICARILLA CONTRACT 146	36	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SW NE NE	MESAVERDE	39	7
JICARILLA CONTRACT 146	37	CDX RIO LIMITED LIABILITY CORPORATION	4 25N 5W SE NE NW	MESAVERDE	28	6
JICARILLA CONTRACT 146	11E	CDX RIO LIMITED LIABILITY CORPORATION	4O 25N 5W NE SW SE	MESAVERDE	8	5
JICARILLA CONTRACT 155	20	CDX RIO LIMITED LIABILITY CORPORATION	29N 26N 5W NW SE SW	MESAVERDE	15	3
JICARILLA CONTRACT 155	23	CDX RIO LIMITED LIABILITY CORPORATION	32N 26N 5W NW SE SW	MESAVERDE	4	1
JICARILLA CONTRACT 155	27	CDX RIO LIMITED LIABILITY CORPORATION	32J 26N 5W SE NW SE	MESAVERDE	15	4
JICARILLA CONTRACT 155	29	CDX RIO LIMITED LIABILITY CORPORATION	32F 26N 5W NW SE NW	MESAVERDE	15	7
JICARILLA CONTRACT 155	32	CDX RIO LIMITED LIABILITY CORPORATION	29P 26N 5W NW SE SE	MESAVERDE	8	5
JICARILLA CONTRACT 155	33	CDX RIO LIMITED LIABILITY CORPORATION	29A 26N 5W SW NE NE	MESAVERDE	3	2
JICARILLA CONTRACT 155	33A	CDX RIO LIMITED LIABILITY CORPORATION	29C 26N 5W SW NE NW	MESAVERDE	3	1
JICARILLA GAS COM 155 A	1	CDX RIO LIMITED LIABILITY CORPORATION	32H 26N 5W NW SE NE	MESAVERDE	34	1
JICARILLA K	11	CONOCOPHILLIPS COMPANY	2E 25N 5W NE SW NW	MESAVERDE	2	1
JICARILLA K	22	CONOCOPHILLIPS COMPANY	2M 25N 5W NE SW SW	MESAVERDE	32	3
Average					7	2
				Allocation	Oil	Water
				Chacra	0%	11%
				Dakota	40%	44%
				Mancos	40%	22%
				Mesaverde	20%	22%

Attachment for DHC Application

Jicarilla Apache #12F
30-039-29655
Sec 33P-T27N-R05W
805' FSL & 905' FEL

Oil & water allocations are based on the 9-section EUR average and the gas allocations are based on the average daily rates of all zones. The average daily rates used to calculate the allocations are as follows:

Dakota = 250 MCFPD
Mesaverde = 150 MCFPD
Mancos = 30 MCFPD
Chacra = 30 MCFPD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

805' FSL & 905' FEL SEC 33P-T26N-R05W

5. Lease Serial No.

JTC-154

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

JICARILLA APACHE #12F

9. API Well No.

30-039-29787

10. Field and Pool, or Exploratory Area

Basin DK / Blanco MV

OTERO CH / WC Basin Mancos

11. County or Parish, State

RIO ARriba NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other DOWNHOLE

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

COMMINGLE

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. is requesting approval to DHC production from the Basin Dakota (71599), the Blanco Mesaverde (72319), the Otero Chacra (82329) and the Wildcat Basin Mancos (97232) upon completion. The proposed allocations are based upon an individual pool average EUR of wells located in a 9-section surrounding area. Attached is supporting documentation for allocations, plats and copies of our C107A and C103 filed with the NMOCD in Santa Fe. Based on the average EUR, XTO proposes allocations as follows:

Basin Dakota	Oil: 40%	Gas: 54.40%	Water: 44.44%
Blanco Mesaverde	Oil: 20%	Gas: 32.60%	Water: 22.22%
Otero Chacra	Oil: 0%	Gas: 6.50%	Water: 11.12%
WC Basin Mancos	Oil: 40%	Gas: 6.50%	Water: 22.22%

Ownership is common between pools & no notice was given to owners. The downhole commingle will offer an economical method of production, protect against reservoir damage, waste of reserves & correlative rights. The NMOCD in Santa Fe has been notified via submittal of Form C103 & C107A on 2/15/2007.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

HOLLY C. PERKINS

Title

REGULATORY COMPLIANCE TECH

Date

2/19/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.